

In the Claims

Please amend the claims as follows:

1. (Currently Amended) A medical grade deformor, comprising:
  - an axial member; and
  - a pliable tube mounted on said axial member and adapted to be deformed from a first, narrower diameter, configuration to a second, greater diameter, configuration, wherein the tube is slotted along a majority of its length in an axial direction.
2. (Original) A deformor according to claim 1, wherein said tube is slotted through its thickness.
3. (Canceled)
4. (Currently Amended) A deformor according to claim 1, comprising at least one-a first end of the deformor engaging one-a first end of said tube and adapted to apply compressive force to said tube for achieving said deformation.
5. (Currently Amended) A deformor according to claim 4, comprising at least a second end of the deformor ~~one-end~~ engaging a second end of said tube and adapted to cooperate with said first end of the deformor to compress said tube.
6. (Currently Amended) A deformor according to claim 5, wherein said two engaging~~first and second~~ ends of the deformor and said axial member lock to maintain said pliable tube in a greater diameter configuration.
7. (Original) A deformor according to claim 1, wherein said tube changes configuration by axial compression thereof.
8. (Original) A deformor according to claim 1, wherein said axial member is rigid.

9. (Canceled)
10. (Original) A deformor according to claim 1, wherein said axial member extends out of said tube and is attached to a handle.
11. (Original) A deformor according to claim 1, wherein said axial member comprises a release mechanism for release of said deformor from a delivery system.
12. (Original) A deformor according to claim 11, wherein said axial member comprises a locking mechanism for locking of said deformor in a greater diameter configuration in conjunction with release.
13. (Original) A deformor according to claim 1, wherein said deformor includes a channel adapted for bone filler flow.
14. (Original) A deformor according to claim 13, wherein said channel is formed in said axial member.
15. (Original) A deformor according to claim 13, wherein said channel is formed between said axial member and said tube.
16. (Original) A deformor according to claim 1, wherein said axial member extends from said tube and is adapted to function as a hinge of a joint.
17. (Original) A deformor according to claim 1, wherein said deformor forms a bone attachment unit for a prosthesis.
18. (Original) A deformor according to claim 1, comprising an enclosing bag, which surrounds said tube in said second configuration.

19. (Original) A deformers according to claim 18, wherein said bag is biodegradable in the body.
20. (Original) A deformers according to claim 18, wherein said bag is porous.
21. (Original) A deformers according to claim 1, wherein said deformers defines a general volume in the shape of a cylinder when in said second configuration.
22. (Canceled)
23. (Original) A deformers according to claim 1, wherein said deformers defines an axially rotationally asymmetric general volume when in said second configuration.
24. (Original) A deformers according to claim 1, wherein said deformers defines a predetermined general volume when in said second configuration.
25. (Original) A deformers according to claim 1, wherein said deformers comprises a set of axially contiguous zones with different material properties.
26. (Original) A deformers according to claim 1, wherein said deformers has a non-smooth outer surface in said second configuration.
27. (Original) A deformers according to claim 1, wherein said deformers is stiff enough, when in said second configuration to resist a trans-axial force of at least 50Kg.
28. (Original) A deformers according to claim 1, wherein said deformers, when in said second configuration has an axial applied force of at least 2Kg.
29. (Original) A deformers according to claim 1, wherein said pliable material has a shore hardness of between 50A and 90D.

30. (Original) A deformers according to claim 1, wherein said pliable material is non-metallic.

31. (Original) A deformers according to claim 1, wherein said pliable material is polymeric.

32. (Original) A deformers according to claim 1, wherein said deformers includes at least one axial thread.

33. (Original) A deformers according to claim 1, wherein said deformers includes at least one circumferential thread.

34. (Original) A deformers according to claim 1, wherein said deformers, in said second configuration, defines a general volume and wherein said deformers fills at least 30% of said volume.

35. (Original) A deformers according to claim 1, wherein said deformers, in said second configuration, defines a general volume and wherein said deformers fills at least 50% of said volume.

36. (Original) A deformers according to claim 1, wherein said tube defines a plurality of slots, such that when deformed to the second configuration, a plurality of axially displaced leaves extend from said tube to define said second configuration.

37. (Original) A deformers according to claim 36, wherein said tube defines at least three axially displaced leaves.

38. (Original) A deformers according to claim 36, wherein adjacent leaves support each other, in said second configurations.

39. (Original) A deformers according to claim 36, wherein an end leaf is shorter than a non-end leaf.

40. (Original) A deformers according to claim 36, wherein an end leaf is supported, on one side thereof, by an end cap of said deformers.

41. (Original) A deformers according to claim 36, wherein adjacent leaves deform each other.

42. (Original) A deformers according to claim 36, wherein at least 50% of the leaves are deformed from a plane.

43-61. (Cancelled)